

Nuclear Division News

• Vol. 14, No. 1 • January 13, 1983



Division employees aid Matching Gift Program

Through Union Carbide's Matching Gift Program, the Corporation contributed nearly \$300,000 in matching funds to 485 educational institutions and organizations throughout the United States from September 1981 through June 1982. Nuclear Division employees contributed almost one-third of the money matched by Union Carbide, and the University of Tennessee received the largest amount, some \$13,750.

During the period, 1725 Union Carbide employees contributed 2036 monetary gifts to the 485 institutions. About 31 percent of these employees, or 536, were from the Nuclear Division, and they contributed \$94,479.09, or 32 percent of the Corporate total of \$295,515.34.

The average employee contribution was \$171.31. Many employees made more than one donation, however, so the amount of each gift averaged \$145.15.

The University of Tennessee led the list of institutions benefiting from the program, with \$13,758.34 in contributions. Carson-Newman College was eighth with \$4,035. The ten leading recipients of funds from the program were:

The University of Tennessee	\$13,758.34
West Virginia University	7,350.00
Princeton University	5,615.00
Massachusetts Institute of Technology	4,388.75
Harvard University	4,225.00
Appalachian Bible College	4,190.00
University of Notre Dame	4,186.00
Carson-Newman College	4,035.00
Rensselaer Polytechnic Institute	4,035.00
Purdue University	3,880.00

Question Box

What is Blair Bridge ruling?

QUESTION: Relative to your answer on the DOE closing of Blair Road bridge, is it not true that Tennessee Department of Transportation engineers have ruled the bridge is safe for passenger cars?

ANSWER: We understand the Tennessee Department of Transportation did an assessment of Blair Road Bridge within recent months, and the analysis concluded that the bridge could be made safe for traffic provided some upgrading work was performed on the bridge and a strict 10-ton load limit was maintained. Neither DOE nor Union Carbide is able at this time to assure adherence to the load limit. DOE has continued to discuss the future of the bridge and Blair Road with representatives of the City of Oak Ridge and Roane County, but the problem remains unresolved at this time.

Pavement repairs

QUESTION: I have been employed at Y-12 for a year and a half. During that time there have been two large potholes in the North Portal parking lot and broken pavement just up the hill from Guard Post No. 7. Why have

these conditions not been corrected?

ANSWER: Your concern and interest in having these conditions corrected is appreciated. Pavement repair work other than emergency patchwork is normally scheduled in the fall. The work at Y-12 is later than usual this year; however, temporary repairs have been made to the places in question.

Interest on PLA decreases for '83

The effective annual interest rate for the calendar year 1983 will decrease to 10.25 percent. This rate will apply to *all* money in the Fixed Income Fund, not just to money added during the year. In addition, Metropolitan guarantees that the effective annual rate will be at least 10 percent for the four-year period 1983 through 1986.

The rate for 1982 was 11.0 percent.

If you wish to make any changes in your Savings Plan designation, or if you have questions concerning the Plan, see your Benefit Plans representative.

In this issue . . .

Carbide children visited Santa Claus at recent Christmas parties in Oak Ridge. For more photos, please turn to page 6.

Photographs of the six teams of Y-12 employees who were recently presented DOE "awards of excellence" by Maj. Gen. William W. Hoover are found on page 5.

Also in this issue is a summary of the financial status of Union Carbide Nuclear Division Benefit Plans on December 31, 1981. The reports, found on page 4, are prepared in accordance with instructions from the U.S. Department of Labor and are required by the Employee Retirement Income Security Act of 1974 (ERISA).

Other features:

Winter driving safety tips	page 2
New Nuclear Division News editor named	page 3
Retiree column	page 7

Medic to conduct second drive at ORGDP February 16, 17, 18

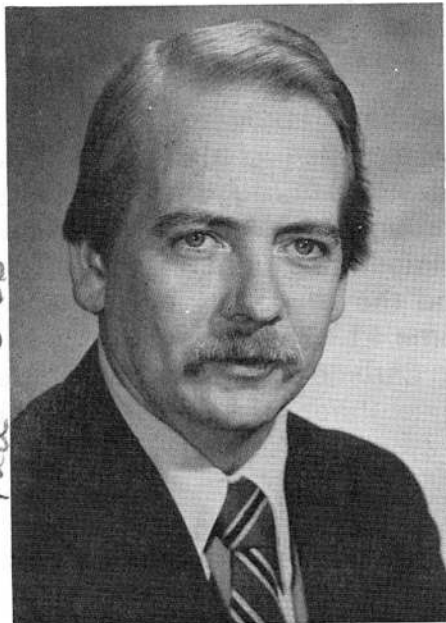
Medic will hold another blood drive at ORGDP February 16, 17 and 18. Roy Fenstermaker will coordinate the activities, with assistance from Kathy Gethers and Doug Stephens. Watch upcoming issues of *Nuclear Division News* for additional information.

Jim Nook, who coordinated last month's successful drive at the Y-12 Plant, expressed special thanks to the many ORNL employees who contributed. "The ORNL employees assigned to Y-12 played a very important role in the drive," he said. "We

certainly could not have attained our totals without their cooperation and the hard work of their divisional coordinators. They were very supportive." Nook also expressed thanks to the employees of Rust Engineering and other subcontractors who made donations.

More than 1900 units of blood were collected during the drive at Y-12, bringing the total contributed by Oak Ridge employees to 4,472 pints since the drives resumed last August.

David L. Stansberry named Finance, Materials manager



David L. Stansberry

David L. Stansberry has been appointed manager of the Finance and Materials Division at the Paducah Plant. He succeeds David D. Barclay, who retired January 1.

Stansberry has served most recently as Finance and Budget Department head at Paducah. A native of Chattanooga, Tenn., he grew up in Oak Ridge, received a BS in industrial technology from Tennessee Technological University and has done graduate work at the University of Tennessee.

Stansberry began his career with the Nuclear Division in ORGDP's Cascade Operations Division. He also held positions in Production Analysis, Barrier-Computer Applications and Quality Control, Cascade Operations, Materials and Finance before transferring to Paducah in 1975.

He is active in several educational organizations and civic clubs and is commander of the Combat Support Company in the Kentucky Army National Guard.

Stansberry and his wife, the former Brenda Dunlap of Oak Ridge, have two children. They reside at 2211 Jefferson in Paducah.



by Larry R. Moore,
Y-12 Safety Department

Prepare for winter driving

With winter's arrival, we all face the possibility of driving during hazardous weather conditions. Drivers who take the following safety precautions may face the snow and ice of January and February with a bit more confidence.

1) First, be sure that your vehicle has been thoroughly inspected before you attempt to travel under adverse weather conditions. Such an inspection should include the radiator and heater hoses, heater fan, electrical wiring systems, etc.

2) Inspect tires for adequate tread depth. You might also want to consider snow tires or studded snow tires for extra traction.

3) Listen closely to weather and traffic reports so that you can have a good idea of highway conditions and "trouble spots" to avoid.

4) Be sure to wear (or carry in your vehicle) heavy clothing such as gloves, heavy socks and boots or sturdy shoes, in case you have to walk from your vehicle for help.

5) Carry an emergency kit in case you should be stranded in an isolated area. This should include matches, candles, a flashlight with extra batteries, a blanket, high-energy foods, a first-aid kit, jumper cables and flares.

6) If you should become stranded as a result of an accident or hazardous weather conditions, remain in your vehicle if you are far from shelter. Do not sleep unless another person in your party agrees to remain awake. Use your heater sparingly and beware of possible carbon-monoxide poisoning — leave a downwind window open slightly for ventilation.

Being stranded and exposed to low temperatures and icy conditions as a result of an automobile accident or blizzard can be extremely dangerous. The lives of many persons who die of exposure each winter could be saved by taking just a few minutes to prepare for travel during such adverse conditions.

Save Energy / Share The Ride

ORNL

WANT TO FORM OR JOIN CAR POOL from Cedar Bluff area to East or North Portal, 8-4:30. Contact Donna Watson, plant phone 4-6151.

VAN POOL RIDER NEEDED from West Knoxville (Cedar Bluff, Middlebrook Pike, Vanosdale Road, Cloth World, Kingston Pike) to any portal except South, 8-4:30. Leon, plant phone 4-5723; home phone 693-3211.

RIDE NEEDED from Oak Ridge Highway between Karns and Solway to East Portal, 8:15-4:45. Peterson, plant phone 4-4483; home phone 690-3989.

WILL JOIN VAN OR CAR POOL from 25W area (North Clinton) to any portal. Contact Gary, plant phone 4-5614.

BUS POOL MEMBERS NEEDED from the Burlington Area, Asheville Highway, heading in the direction of I-640, stopping at Broadway and Tazewell Pike. The next stop is Papermill and Weisgarber, then to Cloth World on Kingston Pike. The next stop, via Kingston Pike, is Lovell Heights Shopping Center, then on via Pellissippi Parkway to all portals, 8-4:30. P. R. Long, plant phone 4-4154; or Twana Taylor, 4-7281.

Y-12

RIDE NEEDED from UT area to Biology Portal, 8-4:30. Marcus McKinley, plant phone 4-0814 or 4-

0813; home phone 546-9988.

RIDERS NEEDED from Lovell Road area to East Portal, 8-4:30. Ray Pollard, plant phone 4-2611; home phone 966-8893.

RIDE NEEDED from Bearden area to Central or North Portal, 8-4:30. Alice Montgomery, plant phone 4-0746; home phone 584-5230.

CAR POOL MEMBER NEEDED from Cedar Bluff area to any portal, 8-4:30. Gary Russell, plant phone 4-3658; home phone 691-3475.

BUS POOL RIDERS NEEDED from Rockwood/Midtown/Kingston areas to all portals except East, 8-4:30. Tommy Roberts, plant phone 4-2786; home phone Rockwood 354-2789.

RIDE NEEDED or WILL JOIN CAR POOL from Sutherland Avenue area, Knoxville, to any portal (preferably West), 8-4:30. Betsy Scott, plant phone 4-3474; home phone 588-5618.

NEED RIDER from Walker Springs Road, Cedar Bluff area, to any portal, 7:30-4. Jerry Whittaker, plant phone 4-0886; home phone Knoxville 693-4718.

ORGDP

CAR POOL MEMBERS NEEDED from east end of Oak Ridge to any portal, day shift. Doug Janney, plant phone 4-9448; home phone 483-1619; or Sam Blumkin, plant phone 4-8145; home phone 483-7865.

Film series, 'Connections,' now showing at Museum

"Connections," a film series that examines seemingly unrelated events that combined to produce important social and technological changes, will be presented weekly at the American Museum of Science and Energy in Oak Ridge.

The 10-part series will be shown in the Museum auditorium on Sundays, January 16 through March 20, from 2 until 3 p.m. Billed as a "detective story," the "Connections" series was filmed by the British Broadcasting Corporation on 150 locations in 19 countries.

Each program traces a strange chain of circumstances that has led through centuries to a modern and familiar technological development, such as electricity, the printing press, the atomic bomb, the pendulum clock or the gasoline engine. The programs are recommended for secondary school, college and adult audiences and could be used as possible supplementary enrichment programs or as extra credit programs for science and history courses.

The series is directed by Mick Jackson and David Kennard, who have been associated with "The Ascent of Man" and "America" programs.

Admission to the Museum and the films is free. For more information about the "Connections" series, contact the Museum Information Office at 576-3218.

Deduction system new for retirees

With cooperation from Computer Sciences and Prudential Life Insurance Company, the Nuclear Division's Payroll Department has installed a new system which enables retirees to have deductions for hospitalization, medical and group life insurance made directly from their pension checks.

This option has been elected by about 95 percent of employees who retired before October 1, 1982. It is automatically done for those who retired after that date.

Automatic deduction of benefit payments ensures continued protection while relieving retirees of the additional effort and expense of making payments. If you have not elected this option and would like to, contact the Benefit Plans Office at the plant from which you retired or Nuclear Division Payroll.



DEFENSIVE DRIVING COURSE — These Y-12 employees are among the more than 400 who completed the National Safety Council's defensive driving course during 1982. Many of the defensive driving techniques taught in the course, which is offered every year, may help keep motorists alive. Members of the Y-12 Safety Department urge all Nuclear Division employees to stay alert, drive defensively and save lives in 1983.

Dennis C. Parzyck appointed division director at ORNL

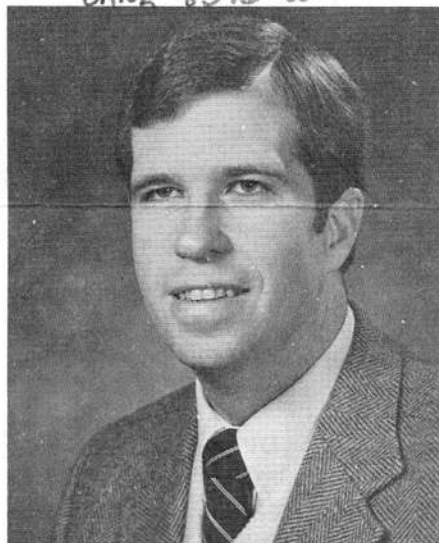
Dennis C. Parzyck has been appointed director of the Industrial Safety and Applied Health Physics Division at ORNL. He succeeds John A. Auxier, who has retired.

The Industrial Safety and Applied Health Physics Division consists of three departments which provide on-site services in the areas of building and personnel radiation monitoring and safety, operational and industry safety, and environmental protection, surveillance, and assessment as well as hazardous materials handling and disposal. It has a professional and support staff of nearly 100 persons.

Parzyck, who joined Union Carbide in 1974, has served since 1978 as head of the health studies section in the Health and Safety Research Division, where he has directed the activities of research groups in instrumentation development, human exposure analysis, health risk analysis and nuclear medicine research.

In a dual responsibility as manager of the Health and Safety Research Division's Policy Analysis Office from 1979 to 1981, he was responsible for a multidisciplinary research team drawn from several ORNL divisions which examined impacts of health and environmental legislation on the development of energy resources and waste management options.

Parzyck also is a former leader of the methodology development and evaluations group of the Health and Safety Research Division. Previously, he was a research staff member in the Environmental Sciences Division and manager of the Regional Studies Program which carried out projects on atmospheric transport, water resource and water



Dennis C. Parzyck

quality analysis, ecological impact assessment and health risk analysis.

A native of Minneapolis, he received the BA in physics from St. Mary's College, Winona, Minn., and the MS and PhD degrees in bionucleonics from Purdue University.

He and his wife, Penny, live in Oak Ridge.

Night driving safety tips

1. Dim your dash lights to reduce contrast between the relatively bright instrument lights and the darkness outside.

2. At night, primarily in rural areas, oncoming vehicles can be detected quicker if you watch for their headlight reflection on electric or telephone lines alongside the road.

3. If your headlights fail, hold a straight steering course and brake as quickly as you can without throwing yourself into a skid.

Cindy Ross Lundy appointed Nuclear Division News editor

ORNL 4811-83

Cindy Ross Lundy, a member of the Nuclear Division Public Relations Department since 1979, has been named editor of *Nuclear Division News*. She succeeds James A. Young, who has retired after more than 26 years with Union Carbide. Young had been editor of the *News* since its inception in February 1970.

Lundy, a native of Harriman, received her bachelor's degree in communications from the University of Tennessee, where she graduated with honors. She joined Union Carbide in 1977, serving as a publications assistant in the ORNL Information Division.

Since joining the Division Public Relations Department, she has served as associate editor of *Nuclear Division News*. In addition, she has coordinated the visitor relations program and handled various news assignments at ORNL.

In addition to her responsibilities as editor of the employee publication, Lundy will continue to have some responsibilities in the visitor relations area, as well as in some news activities at the production plants in Oak Ridge.



Cindy Ross Lundy

She is a member of Phi Kappa Phi scholastic honor society, Kappa Tau Alpha communications honor society and the Volunteer Chapter of the Public Relations Society of America.

She and her husband, Gary, live in West Knoxville.

Corporate world . . .

Carbide completes new plant

A totally integrated graphite specialties plant has been completed in Clarksburg, W. Va., by Union Carbide Corporation.

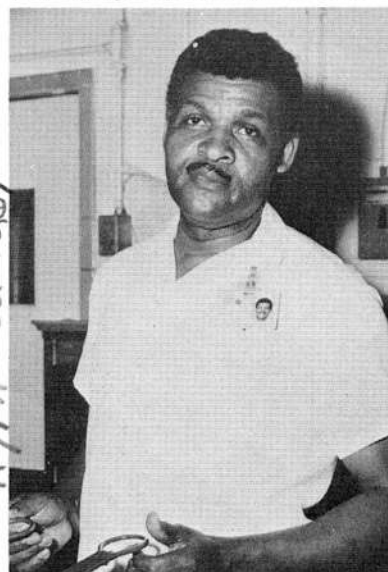
Operated by the corporation's Carbon Products Division, the multimillion dollar plant adds 50 percent to the company's graphite specialties capacity.

A wide range of graphite products is made at the Clarksburg plant, including molds and dies for casting

metals, crucibles and molds for melting and holding metals at high temperatures, heating elements for high-temperature furnaces, anodes for electrolytic manufacturing of chemicals, and graphite powders and particles. Clarksburg also produces electrodes for electric arc-furnace steelmaking, graphite in bulk form and machined graphite to meet any special needs.

UNION CARBIDE

Published every other week for employees such as:



Joe W. Moore of ORGDP's Employee Relations Division.

Nuclear Division News

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NUCLEAR DIVISION
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INTERNATIONAL ASSOCIATION
OF BUSINESS COMMUNICATORS

BENEFITS AT UNION CARBIDE

The reports in this special section summarize the financial status of various Nuclear Division Benefit Plans on December 31, 1981. They are prepared in accordance with instructions from the U.S. Department of Labor and are required by the Employee Retirement Income Security Act of 1974 (ERISA).

RETIREMENT PROGRAM FOR EMPLOYEES OF UNION CARBIDE CORPORATION — NUCLEAR DIVISION

This is a summary of the annual report for the Retirement Program (EIN-13-1421730) for the year 1981. The annual report has been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act of 1974 (ERISA).

Basic Financial Statement

Benefits under the plan are provided by Trust and Annuity Contracts. Plan expenses were \$80,446,475. These expenses included \$27,800,983 in benefits paid to participants and beneficiaries. A total of 25,359 persons were participants in or beneficiaries of the plan at the end of the plan year, although not all of these persons had yet earned the right to receive benefits.

The value of plan assets, after subtracting liabilities of the plan, was \$552,180,835 as of December 31, 1981, compared to \$523,138,203 as of January 1, 1981. During the plan year the plan experienced an increase in its net assets of \$29,042,633. The increase included unrealized appreciation or depreciation in the value of plan assets; that is, the difference between the value of the plan's assets at the end of the year and the price the plan originally paid for those assets. The plan had total income of \$109,489,108, including employer cash contributions of \$55,298,449, employee contributions of \$143,297, and earnings from investments of \$49,608,667.

The plan has contracts with The Metropolitan Life Insurance Company and The Prudential Insurance Company of America which allocate funds toward group annuities. The total premiums paid for the plan year ending December 31 were \$80,523,999.

Minimum Funding Standards

An Actuary's statement shows that enough money was contributed to the plan to keep it funded in accordance with the minimum funding standards of ERISA.

Your Rights to Additional Information

Participants have the right to receive a copy of the full annual report, or any part thereof, on request. The items listed below are included in that report:

1. an accountant's report;
2. assets held for investment;
3. leases in default;
4. insurance information, including sales commissions paid by insurance carriers; and
5. actuarial information regarding the funding of the plan.

SUMMARY ANNUAL REPORT — 1981 INSURANCE PLANS NUCLEAR DIVISION

These are the Summary Annual Reports of the Insurance Plans listed below. The complete annual reports have been filed with the Internal Revenue Service, as required under the Employee Retirement Income Security Act of 1974 (ERISA). The plans have contracts with the insurance carriers shown to pay all claims incurred under the terms of the plans. The plans are "experience rated" contracts so the premium costs are affected by, among other things, the number and size of claims.

Plan Name	Total Premiums Paid	Total Benefits Paid
Hospital-Surgical Insurance for Employees of UCC Nuclear Division	\$17,850,931	\$18,113,461
Major Medical Insurance for Salaried Employees of UCC Nuclear Division	\$3,602,247	\$3,050,991
Special Medical Insurance for Hourly Employees of UCC Nuclear Division	\$2,685,682	\$1,906,173

The Employer Identification Number (EIN) for all plans is: 13-1421730. Participants have the right to receive a copy of the full annual report, or any part thereof, on request. The report includes insurance information including sales commissions (if any) paid by insurance carriers.

SAVINGS PLAN

The financial status of the Savings Plan and Group Life Insurance information appeared in the November, 1982, issue of the Carbide World. It is not contained in data on this page.

IF YOU DESIRE MORE DETAILED INFO...

To obtain a copy of these full annual reports, or any part thereof, write: The Benefit Plans Administrator, Union Carbide Corporation, Old Ridgebury Road, Benefit Plans Department, B 3, Danbury, Conn. 06817. The charge to cover copying costs will be 25 cents per page for any part thereof.

You also have the legally protected right to examine the annual reports at the main office of the plans at Old Ridgebury Road, B 3, Danbury, Conn. 06817, and the U.S. Department of Labor in Washington, D.C., or to obtain copies from the U.S. Department of Labor upon payment of copying costs. Requests to the Department should be addressed to: Public Disclosure Room, N4677, Pension and Welfare Benefit Programs, Department of Labor, 200 Constitution Avenue, N.W., Washington, D.C. 20216.

Y-12 employees receive DOE awards of excellence



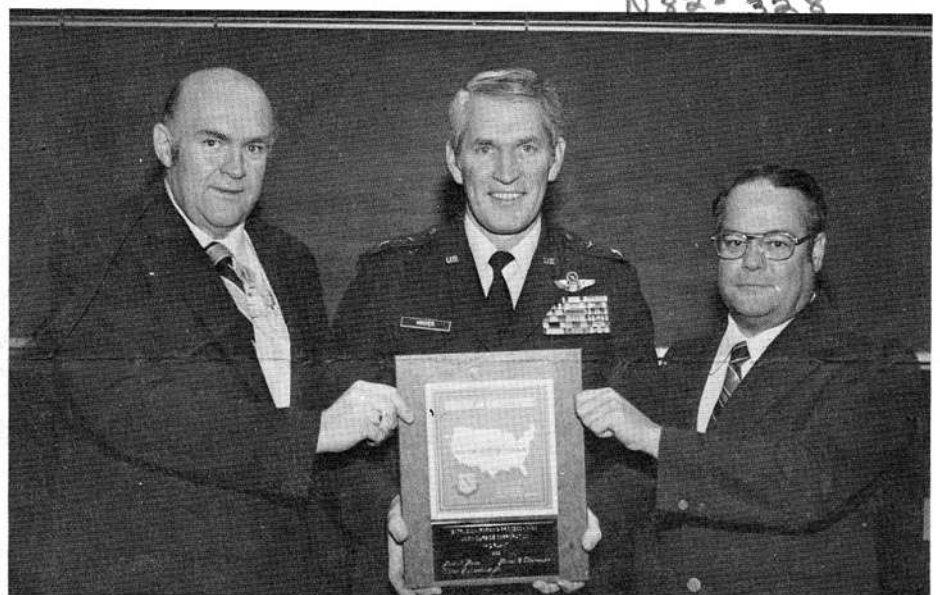
NEW DESIGN & MANUFACTURING METHOD FOR WEAPON COMPONENT — The innovative design and prompt action by this Y-12 team, working with engineers from Lawrence Livermore National Laboratory, resulted in a cost savings of several million dollars in a major weapons program. From left are LaRoy S. Nabors, Layton N. Howell Jr., Gen. Hoover, Myron E. Bagwell and Willie L. Duke.



SPECIAL MILLING CUTTERS — Through the modification of a grinding process, this project team was able to effect an anticipated cost savings of \$350,000 during fiscal year 1982. From left are William C. Gheen, Charles F. Lyons, James F. Vance, Gen. Hoover, James W. Baker, George A. Gregory, Vincent E. Broadway and Leo L. Murray.



INVENTORY MANAGEMENT IN URANIUM MACHINING AREA — The "M-Wing Spark Plugs," one of more than 50 Y-12 Pride Circles, devised a new method which reduced the potential for criticality safety violations, improved communications and saved an estimated \$70,000 per year. Shown, from left, are William L. Renfro, George A. Grider, Chester E. Crowe, Gen. Hoover, Thomas S. Sparks, Robert W. Cagle and Roy K. Sharp. Not available for the picture were Circle members John P. Allen, Lamar R. Benker, Sherman O. Bryant and George R. Ferguson.



EXTRUSION/FORGING PROCESS FOR WEAPONS PROGRAM — By developing a more efficient metal-forming process for use on parts with complex and unconventional design features, more than \$3 million was saved over the life of a major weapons production program. Shown with Gen. Hoover are James E. Thompson, left, and Jack M. Jones. Walter G. Northcutt Jr., the third team member was not available when the photograph was taken.



AUTOMATED SAMPLE ANALYZER — This development reduced the time required to analyze major weapons material, improved scheduling and control of costly in-process inventories, and helped provide quality assurance integrity of major materials streams in the plant. Winners are, from left, Frieda D. Waldrop, Ruby A. Viator, Joe H. Hamilton, Gen. Hoover, George F. Larson and Lewis E. White.



CASE BLENDING FOR WEAPONS SYSTEM — A cost savings of more than \$1.3 billion over the life of a weapons program is expected from this team's innovative use of a new type of portable belt grinder for blending case welds. From left are John M. Casstevens, Gerald A. Lively, Gen. Hoover, James C. Farmer and Roy L. Young.

Christmas fun at O.R. parties

N 82-425



N 82-424



N 82-427



N 82-423



Bowling alley notes...

Y-12 "C"...

High scores recently rolled in the Y-12 C League included a 233 high scratch game, a 635 high scratch series, a 244 high handicap game and a 688 high handicap series — all rolled by the members of the Manos Hardtimes. The Irregular Five won the first half roll-off, with the Sun-flowers and the Big Five in second and third place.

ORNL A...

The Limits have taken the lead in the ORNL "A" League with Elwood's Chargers in second place. Recent highs were rolled by Harry Livesey with a 703 handicap series, Ray Richardson with a 253 handicap game and Bobby McKnight with 230 scratch game. The Half Frames had a team series high of 3118.

Carbide Wednesday...

The Operators continue to hold the lead in the Carbide Wednesday Men's League with the Sues Sooners and the Remkeys in second and third place. The AMPS rolled a 3074 handicap series and the No Names had a 1067 handicap game. Recent highs were posted by Phil Manos, 585 scratch series; C. W. Castle, 656 handicap series; Dave Stacy, 242 scratch game; and Frank Horton, 261 handicap game.

Monday Mixed...

The UCC Monday Mixed League continues to be led by the Go-Getters, followed by the Hi-Rollers and the Lucky Strikes. Bill Muenzer (670) and Penney Jessen (585) hold scratch series, while Glenn Killough (656) and Brenda Williams (692) are handicap leaders. Top scratch games have been rolled by George Byrd (234) and Brenda Williams (234), and Steve Gann (256) and Pat Thompson (243) lead in handicap scoring.

Y-12 Classic...

The Has Beens held on to the lead to capture the first-half championship in the Y-12 Classic League, followed by the Kingpins and the Gutterbusters. The Splinters took high team game and series with an 1169, 3314, while Ernie Lamb (289) and Jack Spears (750) led in individual highs.

Carbide Family Mixed...

Recent highs in the Carbide Family Mixed League were rolled by Wayne McLaughlin, with a 234, 587 scratch game and series and 259, 662 handicap game and series. Tillie Plaza led the women with a 247, 547 scratch game and series and 283, 655 handicap game and series.

ORGDP Women's...

The Mouse Chasers continued to lead the ORGDP Women's League, followed by the Ten Pinners and the Woodbees. Recent highs were posted by Mary Hawkins, 185, 501 scratch game and series; Mickey

Moore, 226 handicap game; and Clyde Montgomery, 652 handicap series.

K-25 Tuesday...

The Team finished the last week of 1982 as leader of the K-25 Tuesday League, followed by the City Slickers and All Stars. Individual highs were rolled by D. Pollitt, 247, 255 scratch and handicap game; G. J. Marrow, 612 scratch series; and J. D. Culber-son, 685 handicap series.

Bowling tournament set for February

The 1983 Carbide Mixed Bowling Tournament will be held February 5, 6, 12, 13, 19 and 20 at Tri-County Lanes in Oliver Springs. Entry deadline for the tournament, which is sanctioned by the ABC and WIBC, is January 19.

Entry forms are available at Tri-County Lanes and from league secretaries and the Nuclear Division Recreation Office.

Volleyball season ends in Paducah

Paducah Volleyball League

Team	Won	Lost
Smashers	12	4
Net Crushers	11	5
Net Results	10	6
Out of Bounds	7	9
Upper Cascade	6	10
Mean Steam Machine	2	14

The season-ending tournament is set for January, and final league standings will be carried in an upcoming issue of *Nuclear Division News*.

Camera Club offers photography course

The Carbide Camera Club is offering a course in basic photography for beginners. The two sessions will be held February 17 and 24 at 7 p.m. There is no charge, and classes are open to all Union Carbide and DOE employees.

Please contact the Y-12 Recreation Department at 574-1597 for registration information.

Patents

David J. Crouse, James C. Mailen and Othar K. Tallent, all of ORNL, for "Method for Cleaning Solution Used in Nuclear Fuel Reprocessing."

William D. Bostick, ORGDP; Mark S. Denton, formerly of ORNL; and Stanley R. Dinsmore, ORNL, for "Bioluminescence Methods for Enzymatic Determinations."

Union Carbide Retirees Association



P.O. Box 3501 P.O. Box 238
Oak Ridge, TN 37830 Paducah, KY 42001

576-1786

News editor: Al Burris Associate editor: Warner Taylor

The Retirees' Association had a very successful year in 1982. Many people took part in our expanded golf and bowling leagues and participated in our bridge games, semi-annual reunions and special Christmas party. We are especially proud of our travel program and of the large and enthusiastic group that has formed a "family" of travelers.

During the past year, our retirees also worked as volunteers at Nuclear Division visitor sites during the World's Fair, helped in the Medic blood drives at the Oak Ridge plants and assisted in the Special Olympics bowling event.

1983 plans

For several months we have promised that the details of our 1983 travel plans would be contained in the January column, and we have not accepted reservations until its publication. For those of you who have been waiting, the reservation form accompanies this article.

A membership application/renewal form also is included. Some of you have already renewed your memberships for 1983; please check your cards for the date before mailing your renewals.

Paducah news

More than 100 members of the UCRA Paducah Chapter met for a holiday dinner at Bonanza Steak House. The Chapman Brothers, a pair of local musicians, provided the evening's entertainment. Accompanied by Michael Darnell, they presented a program of popular, country/western and gospel music, concluding with a "sing-along" of favorite Christmas songs. The Paducah group certainly ended the year on the right note!

UCRA travel plans

A travel meeting will be held at 7 p.m. January 19 at the Oak Ridge Senior Center (corner of Oak Ridge Turnpike and Robertsville Road). The owners of U.S. Travels, Larry Phillips and Ruth Jobe, will attend to answer questions about our upcoming trips. It's also a good chance for you to get acquainted with them, since they will serve as escorts during our travels. All Carbide retirees, employees, families and friends are invited to attend the meeting.

Following is the information on our five 1983 trips. The prices are based on two people per room and include air and/or bus travel, lodging, luggage handling and admission fees for attractions listed. Meals are not included. Airfares are subject to change, because the rates are not guaranteed by the airline.

Other notes: Round-trip bus transportation between Oak Ridge and the airport will be provided for the Mexico and Hawaii trips... A \$50 deposit per person is required for the Mexico, Hawaii and Nova Scotia trips, and a \$25 deposit is needed for the Kentucky Derby and EPCOT trips. Reservations are made upon receipt of deposits and are on a first-come, first-served basis. Deposits will be returned or held on a waiting list, if requested, if they are received after the trip limit is reached... We'd like to encourage more employees and their families to enjoy the trips with us. Our travels are timed so that employees may participate by taking a week or less of vacation time (except the Nova Scotia trip, which requires two weeks).

Mexico, March 5-12

8 days \$639 Deposit: \$50
Reservation limit: 46
(This price is \$230 less than the same trip eight months ago.)

Overnight lodging:

Mexico City (3), Taxco (1), Acapulco (3)

Includes:

Transportation, lodging and escort.

Attractions:

Guided tours of all three cities, pyramids, shrine of Guadalupe, a cruise in Acapulco and shopping for silver and leather goods.

Kentucky Derby, May 6-8

3 days \$110 Deposit: \$25
Reservation limit: 46

Overnight lodging:

Bardstown (2 nights-45-minute drive to Churchill Downs)

Includes:

Transportation, lodging, escort and admission to Downs

Hawaii, June 11-19

3 islands 8 days \$785
Deposit: \$50
Reservation limit: 80

Three islands:

Oahu, Maui and Hawaii

Overnight lodging:

Honolulu (5), Kona (1), Hilo (1)

Includes:

Roundtrip airfare plus inter-island airfare to Maui and Honolulu, lodging, tours of each island, transfers and portage, a get-acquainted breakfast and more.

Option: 2 islands

7 nights in Honolulu \$529

Includes:

Roundtrip airfare, lodging, transfers and portage and a get-acquainted breakfast.

Nova Scotia, September 10-26

16 days \$779 Deposit: \$50
Reservation limit: 46

Overnight lodging:

Virginia, New York, Massachusetts, Nova Scotia (5 nights in four towns), Prince Edward Island, New Brunswick and Quebec (2), Connecticut and Virginia.

Includes:

Transportation, lodging, portage and admission fees for attractions listed.

EPCOT, November 23-27

5 days \$275 Deposit: \$25
Reservation limit: 46

Overnight lodging:

Four nights in Florida

Attractions:

Two days at EPCOT and one day at Disneyworld, or three days at EPCOT or Disneyworld.

Trip Reservation Form

Make checks payable to: U.S. Travels

Mail to: UCRA, P.O. Box 3501, Oak Ridge, TN 37830

NAME: _____

ROOMMATE: _____

ADDRESS: _____

ADDRESS: _____

TELEPHONE: (Home) _____ (Work) _____

Deposit Enclosed for:

Mexico (\$50/person) _____

Kentucky Derby (\$25/person) _____

Hawaii - 3 islands (\$50/person) _____

Hawaii - Honolulu only (\$50/person) _____

Nova Scotia (\$50/person) _____

EPCOT _____

UNION CARBIDE RETIREES ASSOCIATION

Membership Application 576-1786

Annual fee: \$1 per member

\$2 member and spouse

New member _____

Renewal _____

Name _____

Spouse _____

Address _____

City _____ State _____ Zip _____

Telephone—Area Code _____/Number _____

(Please note if applicant is widow or widower. Fill in "Spouse" line with deceased employee's name, year of retirement and facility from which retired.)

Retired from:

ORGDP _____ ORNL _____ Y-12 _____ Paducah _____ Staff _____

Indicate participation preference:

Golf _____ Christmas party _____

Travel _____ Bridge _____

Other activity _____ Reunions (2/yr) _____

Bowling _____

Suggestions: _____

Make check payable to:

Union Carbide Retirees Association

Mail to:

P.O. Box 3501

Oak Ridge, Tennessee 37830

or

P.O. Box 238

Paducah, Kentucky 42001

UCRA

UCRA

Recent Retirements



Horace K. Tye
Maintenance
ORGDP
37 years service

Warren F. Brown
Maintenance
ORGDP
31 years service

Raymond M. Wolfenbarger
Maintenance
ORGDP
35 years service

Charles D. Maples
Operations
ORGDP
31 years service

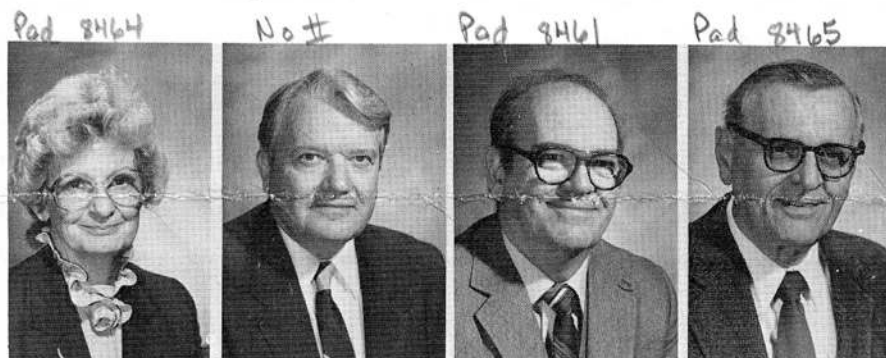


James P. Hughes
Technical Services
ORGDP
38 years service

Howard T. Enix
Instrumentation
and Controls
ORNL
36 years service

R. Glenn Longmire
Maintenance
ORGDP
31 years service

Henry B. Graham Jr.
Operations
ORNL
35 years service



Florence M. Allison
Engineering
Paducah
27 years service

Doyle B. Allison
Cascade Operations
Paducah
31 years service

Hardy J. Pottinger
Cascade
Paducah
30 years service

Alexander M. Tuholsky
Power, Utilities
and Chemical
Paducah
38 years service

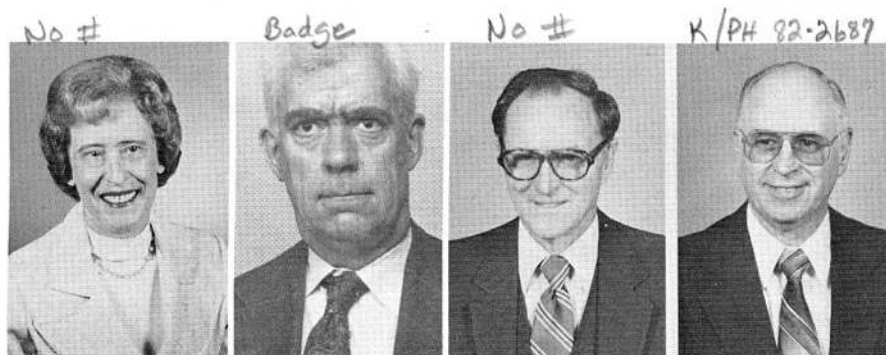


Homer F. Wright
Technical Services
ORGDP
29 years service

Leroy B. Yeatts
Analytical Chemistry
ORNL
29 years service

Milton H. Lietzke
Chemistry
ORNL
33 years service

Otto F. Manuel
Plant and Equipment
ORNL
36 years service



Carrie S. King
Purchasing
ORGDP
32 years service

Frank S. Jones
Separation Systems
ORGDP
33 years service

James O. Huff
Maintenance
ORGDP
15 years service

Robert W. Levin
Technical Services
ORGDP
39 years service

Service Anniversaries

ORNL

30 YEARS

Allen B. Eldridge, Industrial Safety and Applied Health Physics; Walter L. Hyatt, Plant and Equipment; David O. Campbell, Chemical Technology; Joseph P. Eubanks, Chemical Technology; and Leo R. Stinnett, Plant and Equipment.

25 YEARS

Frank D. Elsea, Kenneth E. Kirksey, Donald R. Davis, Natalie T. Milleman, Coy J. Ward, Orville R. Walker, Joe E. Arwood and Robert E. Atkins.

20 YEARS

Fred G. Taylor Jr., Harold D. Hackler, Clyde E. Fritz, Robert L. Durall, Maxie L. Chandler, William S. Hall and John E. Leone.

PADUCAH

30 YEARS

George W. Harned, Chemical Processing; James R. Wood, Refrigeration and Mechanical Shop; Betty J. Barbre, Library; Arthur L. Lewis, Refrigeration and Mechanical Shop; Joseph L. Hayden, Data Services; Gene E. Henderson, Cascade Operations; Curtis J. Chenault, Chemical Processing; Bobby R. West, Plant Services; Dwight L. Watson, Fabrication Shops; Denzil E. Ellegood, Uranium Control; Hugh E. Johnson, Process Maintenance; W. A. Brown Jr., Cascade Operations; David A. Carlson, Process Maintenance; Joe E. Hargrove, Process Maintenance; Mary P. Andrews, Analytical Laboratory; Donald A. Hussey, Analytical Laboratory; Charles W. Turok, Industrial Hygiene; Jack T. Crawford, Instrument Department; Thomas E. Emerson, Cascade Operations; Estle A. Emery, Cascade Operations; Floy E. Hoskins, Refrigeration and Mechanical Shop; William T. McCaig, Cascade Operations; and Donald L. Bennett, Instrument Department.

25 YEARS

John D. Tucker.

20 YEARS

Barbara J. Wilkins.

ORGDP

30 YEARS

James T. Hill, Technical Services; Daniel T. Robinson, Engineering; Richard B. Schappel, Operations Analysis and Planning; and Lamar (Chap) Toomer, Operations Analysis and Planning.

25 YEARS

John E. Owen.

20 YEARS

Elmer D. Bryant and Julianne B. Gilliland.

Y-12

30 YEARS

Claude A. Boyd, Fabrication; Harold L. Perdue, Product Certification; Gerald E. Carden, Fabrication; Wayne W. Wright, Maintenance; Daniel D. Keith, Industrial Engineering; Herbert H. Martin, Product Certification; William A. Wilburn and John P. Gibson Jr., Maintenance; Jackie L. Minton, Metal Preparation; and James C. Rogers, Maintenance.

25 YEARS

Marshall B. Biddix, Denton E. Littleton, Q. V. Leinart, Kay F. Dutton and Earl R. Hinton.

20 YEARS

Melvin R. Mustard, Dorothy W. Beeler, Ellis J. Redmon Jr. and William R. Smeltzer.

Patent granted

William L. Stirling, ORNL, for "Neutral Beamline with Ion Energy Recovery Based on Magnetic Blocking of Electrons."

UNION
CARBIDE

UNION CARBIDE CORPORATION
NUCLEAR DIVISION
P.O. BOX Y, OAK RIDGE, TENNESSEE 37830

BULK RATE
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Corporation



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